Name- Rishabh Lingwal   Uni Roll No.- 1921215 .   Id- 19041299 .
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Sub, :   Mobile Application Development Mid Term Practical
    Cod-   PBC-502

Q.2 . activity - main. xml —

```
<?xml version = "1.0" encoding = "utf-8"?>
<android.support.constraint.ConstraintLayout
    xmlns: android = "http://schemas.android.com/apk/res/android"
    xmlns: tools = "http://schemas.android.com/apk/res-auto"
    xmlns: tools = "http://schemas.android.com Hools"
    android: layout_width = "match_parent"
    android: layout_height = "match_parent"
    tools: context = ".MainActivity">


    <Text View
    android: layout_width = "wrap-content"
    android: layout_height = "wrap-content"
    android: text = "Hello World"
    app: layout_constraint Bottom_toBottomOf = "parent"
    app: layout_constraint left_toLeft Of . "parent"
    app: layout_constraint Right_toRight Of = "parent"
    app: layout_constraint Top_toTop Of = "parent" />
</android.support.constraint.ConstraintLayout>
```

MainActivity.java -

```java
package example com.example.activitylifecycle;

import android.app.Activity;
import android.os.Bundle;
import android.util.Log;


public class MainActivity extends Activity {
    @Override
    protected void onCreate (Budle savedInstanceState) {
        super.onCreate (SavedInstanceState);
        setContentView (R.layout.activity_main);
        Log.d ("lifecycle", "onCreate invoked");
    }

    @Override
    protected void onStart () {
        super.onStart ();
        Log.d (" lifecycle ", "onStart invoked ");
    }

    @Override
    protected void onResume () {
        super.onResume ();
        Log.d ("lifecycle", "onResume invoked");
    }
```

```java
@ Override
protected void onPause () {
super.onPause ();
Log.d ("lifecycle", "onPause Invoked");
}
@ Override
protected void onStop () {
super.onStop ();
Log.d ("lifecycle", "onStop Invoked");
}
@ Override
protected void onRestart () {
super.onStart ();
Log.d ("lifecycle", "onStart Invoked");
}
@ Override
protected void onDestroy () {
super.onDestroy ();
Log.d ("lifecycle", "onDestroy Invoked");
}
}
```